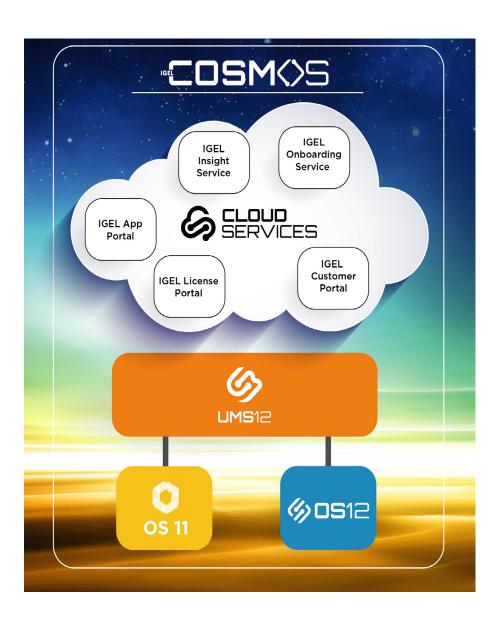# IGEL COSM<>S

TOP REASONS WHY IGEL COSMOS IS THE PERFECT END USER COMPUTING SOLUTION FOR THE CLOUD ERA

IGEL **COSM**OS is a powerful end user computing (EUC) *platform* for secure, managed access to any current and future digital workspaces. It includes IGEL's best-in-class endpoint device operating system, a powerful and easy-to-use management console, and multiple value-added cloud services.

Let's consider some of the top reasons why IGEL **COSM**OS is the ideal EUC solution for companies that offer digital workspaces for a distributed workforce.

Secure, powerful, and efficient.

1. IGEL OS makes your endpoint devices more secure. Apps and services are separated from the base OS, and you determine the features and functionalities by your end-users' needs. This keeps your endpoints as "lean" as possible to minimize the attack surface of the device, thereby minimizing the opportunity for malware, including ransomware attacks!

2. IGEL OS is a read-only file system that is tamper-resistant. A secure browser can be configured for safe user access to web apps and cloud-based DaaS offers including Amazon Web Services (AWS) and Azure Virtual Desktop (AVD) from the Microsoft cloud.

3. Linux-based IGEL OS includes a complete "chain of trust" verification process from the processor or UEFI all the way to the host server or cloud. It is thus extremely resistant to manipulation, as well as viruses and other malware.

4. The **COSM**OS App Portal separates application, peripherals, and interface software from the base OS, vastly reducing the amount of software updates needed to stay current with the latest version of IGEL OS and partner technology releases. This streamlining of the software update and distribution process reduces IT team workload and helps ensure end-users always have access to the very latest offerings from IGEL's technology partners (including their latest security-related patches).

Ultimate compatibility - wide selection of hardware.

5. IGEL **COSM**OS enables absolute endpoint device flexibility. Aging or fully depreciated, new or BYOD – IGEL's endpoint operating system runs on nearly any x86-64 device. Given that IGEL OS is so lean and efficient, it commonly extends the useful life of a device by up to four years or more, thereby extending your IT budget, reducing your carbon footprint, minimizing e-waste, and sharply reducing capital expenses on endpoint hardware.

6. Any compatible device can be set up as an IGEL OS-powered endpoint within minutes. IGEL's UD Pocket, a highly portable micro-USB stick solution, enables people to simply plug it into an available USB port on their personal device of choice and they are up and running in their company workspace immediately. In this post-pandemic world, the UD Pocket proved to be especially valuable for disaster recovery and business continuity.

Unlimited control – with a vast array of powerful device management options

7. IGEL **COSM**OS includes highly scalable support for an ever-increasing distributed, mobile workforce. **COSM**OS includes the IGEL Universal Management System (UMS) that employs certificate-based secure communications over HTTPS, and is a powerful, highly scalable management experience requiring less infrastructure for your IT Pro. Standardized ports and architecture allow for easy integration into existing firewalls and load balancers.

8. The new Insight Service offers increased visibility of endpoints, administrative activity on endpoints, employees, and applications as well as the ability to identify potential security vulnerabilities.

9. Hybrid multi-cloud. These days, more and more companies are adopting HTML5-based persistent web apps and cloud services alongside traditional Windows applications. Working with IGEL **COSM**OS means that regardless of where an app may originate or reside, easy user access and fine-tuned IT management is granted.

Hybrid work is the new normal.

10. The IGEL **COSM**OS Onboarding Service allows for fast and easy end-user device onboarding – from anywhere – while requiring zero IT involvement during the brief process. This is especially beneficial with so many people working from home at least part of the time. The IGEL Cloud Gateway functionality enables zero-touch onboarding via the Internet, with frictionless ongoing remote access for users, and secure shadowing for IT administrators and support staff troubleshooting whenever required.

11. IGEL **COSM**OS assists in achieving optimal unified communications. It enables high-fidelity collaboration, optimized for Microsoft Teams, Zoom, Cisco WebEx Teams & Meetings, JVDI, and Avaya, with corresponding headsets from EPOS, Jabra, and Poly – all downloadable in their latest versions via the IGEL App Portal.

Sustainability helps preserve the planet.

12. Reduce your carbon footprint by extending the useful life of your existing hardware! IGEL OS runs on any compatible x86-64 endpoint device. Reusing existing desktop devices as IGEL OS-powered endpoints rather than purchasing new endpoints not only saves significant CapEx, it reduces harmful e-waste in landfills and can decrease carbon footprint by up to 60%, with significant OpEx savings.

13. Secure remote working powered by IGEL **COSM**OS and IGEL OS-powered endpoints reduces supply chain and commuting emissions by up to 40%[1].

[1] https://www.igel.com/wp-content/uploads/2021/11/
    _Optimize-IT-Resources_Sustainable_Px3_IGEL_Infographic.pdf

Unmatched Flexibility for the Cloud Era.

14. The use of cloud-based services, including software-as-a-service (SaaS) has rapidly grown in the past few years. Scalability, flexibility, and cost savings are just some of the benefits. IGEL **COSM**OS supports all common cloud-based solutions, giving customers broad choice in determining which cloud-sourced services they want to use, and when. The App Portal makes it easy to introduce new cloud-sourced apps and services when it's most convenient for all or just a select few of your endpoints.

15. IGEL is a strong, committed partner with all major cloud services and technology suppliers, including Microsoft, Amazon, Citrix, VMware, and many others. IGEL **COSM**OS offers direct, proven integrations into these various cloud solutions through the IGEL Ready partner technology validation program.

For the above reasons, IGEL **COSM**OS is the one and only EUC platform for companies who are migrating some, many, or eventually all their apps, desktops, and end-user services to the cloud. With unmatched flexibility, security, and consistently productive end-user experiences and easy, scalable management and control, IGEL **COSM**OS is the ideal platform to "future-proof" end-user access to the cloud, regardless of how that evolves over time.

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